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Geotechnical
Specialists



COMPREHENSIVE GEOTECHNICAL & ENVIRONMENTAL ENGINEERING SERVICES
DELIVERED USING OUR OWN DRILLING RIGS / CREWS / SOILS LAB / ENGINEERS

CASE STUDY 09

Hambleton

// BACKGROUND

This project was completed under a specification provided by our client, Volkerstevin in a formal tender process.



// SCOPE OF WORKS

The technical requirements included provision of:

- GPR survey of location positions
- Manhole and outfall surveys.
- CCTV drainage survey.
- 37 No. trialpits excavated in the highway under traffic management. Total combined length 95m across 2 visits at various locations across Hambleton.
- Reinstatement to highways standards and under permit from the LA.
- Logging of utilities in trialpits and production of associated sketches, levels and photographs.
- Laboratory testing
- Completion of factual report.



// DELIVERY TIMELINE

| Date Visit 1 | Date Visit 2 | Period | Action |
|---------------|--------------|------------|---|
| Completed | Completed | 2 days | GPR survey. |
| Completed | 5 days | 5 days | Issue GPR drawings |
| 8 Mar 2021 | 2 Aug 2021 | 10-15 days | Site works/trialpits with daily logs. |
| 30 Mar 2021 | 4 Aug 2021 | 2 days | Volker to schedule lab testing and issue instructions to RGS. |
| 1 April 2021 | 18 Aug 2021 | 10 days | Lab Testing. 10 days for standard classification testing. May be longer where other testing is specified. |
| 15 April 2021 | 9 Sept 2021 | 2 days | Compile draft factual report. |
| 19 April 2021 | 13 Sep 2021 | 10 days | Volker (Jacob's) to review draft report. |
| 3 May 2021 | 22 Sep 2021 | 5 days | Issue finalised report. |



// PROJECT PERSONNEL

| Role | Plant Type / Job Title | Training Qualifications |
|---------------------------|--|---|
| GPR SURVEY Crew of 2 (x1) | SURVEY EQUIPMENT (HANDHELD) GEO205 Drilling Rig | All operatives have been trained in the use of the equipment. CSCS, First Aider, CPCS NRSWA (where applicable). |
| TRIALPIT Crew of 2 (x1) | HAND DUG TRIAL PITS. | CPCS (dumper driver) |
| ON SITE SUPERVISOR | Imran Sakoor (engineer/manager) Charlotte Mason | BEng, FGS, CSCS, SSSTS, First Aider Cat 4 BEng, FGS, CSCS, SSSTS, First Aider Cat 4 |
| SUPERVISING ENGINEER | Charlotte Mason | BSc, FGS, CSCS, SSSTS, First Aider Cat 4 |
| PRINCIPAL RGS ENGINEER | Steve Rogers, Technical Consultant | CEng, CGeol, MICE, MCIHT, FGS. |
| CONTRACTS MANAGER | Emma Lewis, Managing Director | LLB, ACIEH |

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